

PC STANDARDS CHART

Modern PCs are not conceived in a vacuum; rather, they are founded upon a combination of well-established industry standards. The following table lists most of the current industry standards used in the development of a personal computer.

| SPECIFICATION | DESCRIPTION | REVISION LEVEL |
|----------------------|--|--|
| AC '97 | Audio Codec '97 | v.2.1, May 1998 (Intel) ftp://download.intel.com/pc-supp/platform/ac97 |
| ACPI | Advanced Configuration and Power Interface | v.1.0b, February 1999 (Intel, Microsoft, Toshiba) http://www.teleport.com/~acpi/ |
| AGP | Accelerated Graphics Port | v.2.0, May 1998 (Intel) http://www.agpforum.org/ |
| AMI BIOS | American Megatrends BIOS Specification | AMI BIOS '99 (American Megatrends) http://www.ami.com/download/amibios99.pdf |
| AMR | Audio Modem Riser | v.1.01, September 1998 (Intel) ftp://download.intel.com/pc-supp/platform/ac97/amr101.pdf |
| APM | Advanced Power Management BIOS Specification | v.1.2, February 1996 (Intel, Microsoft) http://www.microsoft.com/hwdev/busbios/amp_12.htm |
| ATA-3 | Information Technology - AT Attachment-3 Interface | Version 6, October 1995 (ASC X3T10 Committee) http://www.t13.org/ |
| ATAPI | ATA Packet Interface | Version 18, August 1998 (T13/Seagate Technology) http://www.t13.org/ |
| ATX | ATX Form Factor Specification | Version 2.01, February 1997 (Intel) http://developer.intel.com/design/motherbd/atx.htm |
| DDC | Display Data Channel Standard | Version 2, Revision 0, April 1996 Video Electronics Standards Association (VESA) |
| DMI | Desktop Management Interface | Version 2.0, October 1995 BIOS Specification American Megatrends Inc., Award Software International Inc., Dell Computer Corporation, Intel, Phoenix Technologies Ltd, SystemSoft Corporation |
| DPMS | Display Power Management Signaling | Revision 1.0 Video Electronics Standards Association (VESA) |
| "El Torito" | Bootable CD-ROM Format Specification | Version 1.0, January 1995 (Phoenix, IBM) http://www.ptltd.com/techs/specs.html |
| EPP | Enhanced Parallel Port (IEEE 1284 standard) | Version 1.7, 1997 (IEEE) http://standards.ieee.org/catalog/bus.html |

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|-------------------------------|--|--|
| Feature Connector | Video Advanced Feature Connector (VAFC) | Version 1.0, March 1994 Video Electronics Standards Association (VESA) |
| IrDA | Serial Infrared Physical Layer Link Specification | Version 1.1, October 1995 (Infrared Data Association) http://www.irda.org/standards/pubs/IrData.zip |
| LPC | Low Pin Count Interface | Version 1.0, September 1997 (Intel) http://www.intel.com/design/chipsets/industry/lpc.htm |
| Management Extension Hardware | LM78 Microprocessor System Hardware Monitor | Current Web site: http://www.national.com/pf/LM/LM78.html |
| NLX | NLX Form Factor Specification | Version 1.2, February 1997 (Intel) http://www.teleport.com/~nlx/ |
| | NLX Power Supply Recommendations | Version 1.1, May 1997 (Intel) http://www.teleport.com/~nlx/ |
| PCI | PCI Local Bus Specification | Version 2.2, December 1998 (PCI Special Interest Group) http://www.pcisig.com/ |
| | PCI Bus Power Management | Version 1.1, December 1998 (PCI Special Interest Group) http://www.pcisig.com/ |
| Phoenix BIOS | Phoenix BIOS Specification | Version 4.0, February 1997 (Phoenix) http://www.ptltd.com/ |
| Plug-and-Play | Plug-and-Play BIOS Specification | Version 1.0a, May 1994 (Compaq, Phoenix, Intel) http://www.microsoft.com/hwdev/respec/pnpspecs.htm |
| RIMM | Rambus Serial Presence Detect Specification | Version 1.0, March 1999 (Rambus) http://www.rambus.com/developer/support_rimm.html |
| | Rambus RIMM Specification | Version 1.0, February 1999 (Rambus) http://www.rambus.com/developer/development_support.html |
| SDRAM DIMMs | PC SDRAM Unbuffered DIMM PC SDRAM SIMM (General) PC Serial Presence Detect | Version 1.0, February 1998 (Intel) Version 1.5, November 1997 (Intel) Version 1.2a, December 1997 (Intel) |
| SMBIOS | System Management BIOS | Version 2.3, August 1998 (Industry consortium) http://developer.intel.com/ial/wfm/design/smbios |
| UHCI | Universal Host Controller Interface | Version 1.1, March 1996 (Intel) http://developer.intel.com/design/usb/UHC111D.htm |
| USB | Universal Serial Bus Specification | Version 1.1, September 1998 (Compaq, Intel, Microsoft, NEC) http://www.usb.org/developers |
| WFM | Wired for Management | Version 2.0, December 1998 (Intel) http://developer.intel.com/ial/wfm/wfmspecs.htm |